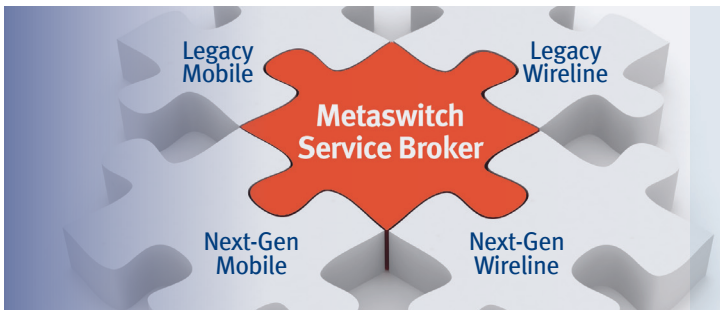


SERVICE BROKER OVERVIEW



AS A SERVICE PROVIDER YOU PURSUE THE IDEAL APPLICATION DEPLOYMENT ENVIRONMENT VIA NGN AND IP BUILD-OUTS. YET YOU FACE INHERENT RISKS TO BOTH NEW AND EXISTING APPLICATIONS DUE TO THE LIKELIHOOD THAT YOUR VISION OUTPACES THE MARKET AND YOUR CURRENT NETWORK.

At this stage the majority of your customers and the associated application revenue typically reside on established IN networks and the applications they contain. Services such as traditional voice centric IN based apps like toll free and ring back tones as well as large voicemail services are the heart of existing ARPU streams and critical to maintaining ongoing revenue and customer usage goals.

In a world of never ending network convergence, the Service Broker protects your existing voice service revenues from being stranded on legacy IN/TDM platforms and accelerates the migration of voice subscribers onto IP/NGN/IMS networks.

ANY APPLICATION TO ANY NETWORK

The Service Broker is a purpose-built network element that enables true, seamless, "any-to-any" service and application interworking between IN/TDM, IP/IMS and future service domains. It can connect "Any Application", new or old, to "Any Network", new or old, without the need to rework or rewrite anything. This native capability is non-intrusive, so deployment requires only simple field configuration parameters.

OPEN, CARRIER CLASS & MASSIVELY SCALABLE

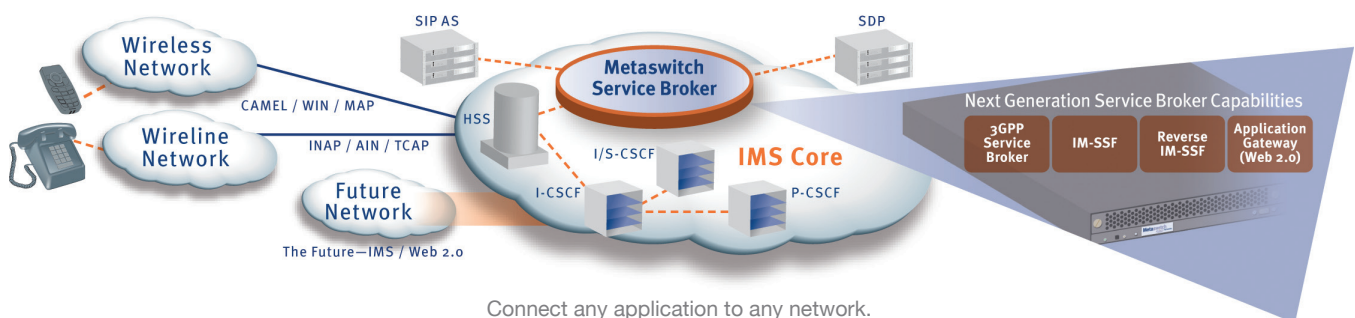
The Service Broker resides between the application layer and the core network to provide interworking and manage connectivity to

the evolving network. It's designed to be both scalable and future proof to support tens of millions of subscribers with the necessary calls per second capacity required for large-scale multi-network environments. The Service Broker incorporates a number of open standard APIs and provides all the signaling, media and the feature interworking between disparate networks that converged and consolidated applications require.

In addition, a scriptable toolkit is provided to ensure support for any future network and application, including the emerging Web 2.0 development environment. The result is an unlimited flexibility to manage and connect voice services regardless of network convergence and direction.

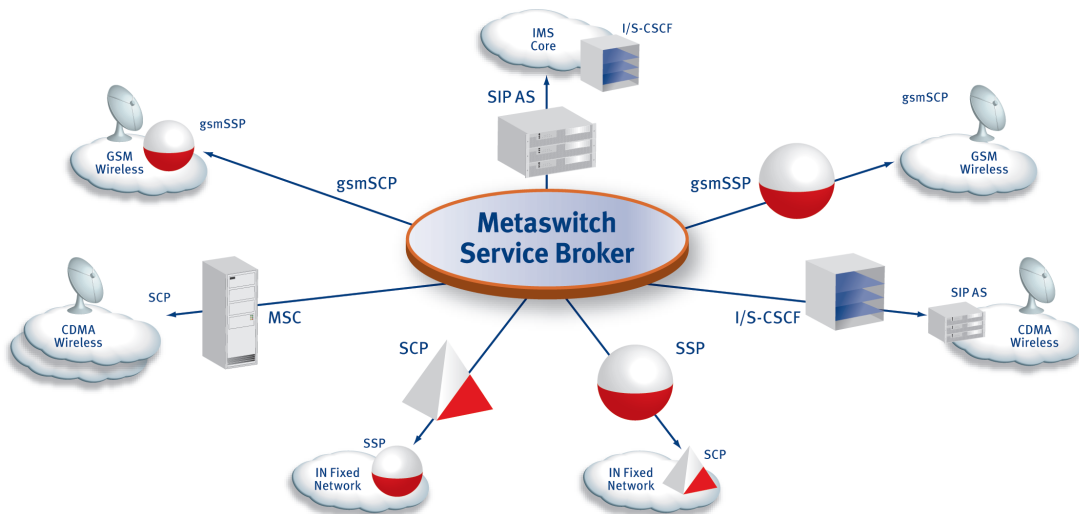
At its core, the Service Broker is an innovative call-processing software platform that runs on Linux (and other OSs) while interfacing with COTS hardware through an adaptation layer API. It provides fully redundant, fault-tolerant call control, signaling, and interworking for both circuit and packet switched voice networks.

The Service Broker is a fault-tolerant, stand-alone network element that embraces aspects of the enhanced SCIM (3GPP definition), as well as functionality including IM-SSF, Reverse IM-SSF, IN Trigger management, and Web 2.0 Gateways.



SERVICE BROKER KEY FUNCTIONALITY

3GPP SERVICE BROKER	<ul style="list-style-type: none"> Provides service capability interaction manager (SCIM) for services from different domains (legacy, NGN, IMS) and platforms Fully compliant with IMS standard methodologies of service interaction and orchestration
IM-SSF	<ul style="list-style-type: none"> Interworks existing services with IMS, allows existing SCPs to deliver the same services regardless of subscriber technology Enables the utilization of both existing applications and new IM network domain without requiring changes to either network
REVERSE IM-SSF	<ul style="list-style-type: none"> Interworks IN-based protocols into SIP Enables the connection of SIP AS-based application to existing GSM, MSC or PSTN networks
APPLICATION GATEWAY (WEB 2.0)	<ul style="list-style-type: none"> Hosts APIs to expose the network (and application) capabilities ecosystems of external developers Enables the creation of mash ups of traditional web applications that contain voice and other CSP assets, such as locations and presence



SERVICE BROKER “ANY TO ANY” INTERWORKING CAPABILITIES

	SIP	AIN	INAP	CAP	WIN	TCAP
SIP	●	●	●	●	●	●
AIN	●	●	●	●	●	●
INAP	●	●	●	●	●	●
CAP	●	●	●	●	●	●
WIN	●	●	●	●	●	●
TCAP	●	●	●	●	●	●

For Service Broker feature and compliance specifications see Service Broker technical documentation.